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DEPARTMENT OF NATURAL RESOURCES

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Executive Director

Division of Oil, Gas and Mining

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Inspection Report Minerals Regulatory Program September 16, 2010

Reviewed: 

Mine Name: Yerian Mine	Permit Number: S/047/0087
Operator Name: Neffco Mining Manufacturing & Engineering	Inspection Date: 09/08/2010
Inspector(s): Brett Gregory for Leslie Heppler <i>LAH</i>	Time: 2:00 pm
Other Participants: Larry Neff and Jay Slaugh	Mine Status: Active

Elements of Inspection	Evaluated	Comment	Enforcement
1. Permits, Revisions, Transfer, Bonds	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. Public Safety (shafts, adits, trash, signs, highwalls)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Protection of Drainages / Erosion Control	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Deleterious Material	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Roads (maintenance, surfacing, dust control, safety)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Concurrent Reclamation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. Backfilling/Grading (trenches, pits, roads, highwalls, shafts, drill holes)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
8. Water Impoundments	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. Soils	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10. Revegetation	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
11. Air Quality	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. Other	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Permit fee: Not required for revegetation.

Bond Amount: \$18,600 (Cash)

Purpose of Inspection: The operator asked for partial bond release for contour and grade work.

Inspection Summary:

The mine is located on private property next to the Green River in Vernal, Utah. The permitted mine boundary is at the south end of the horseshoe-bend as seen on the GPS map enclosed with this report.

Several stockpiles that were preexisting prior to the mining permit can be seen on the attached GIS map (i.e. south of the surveyed area). The operator stated the stockpiles were mined and left per request of the land owner several years ago. There is only one centrally located disturbance for this permit. The grade work accomplished appeared to be stable and consistent with the surrounding terrain. The regraded surface area had abundant russian thistle and cheat grass; no other vegetation was present. The operator stated that the site was reseeded after regrading.

Evaluated Comments:

1. A partial bond release should be granted reducing the bond from \$18,600 to \$6,000 for work completed.
7. The grade and contour work matches that of the existing terrain.
10. The site has been seeded and will need three growing seasons to revegetate.
12. Photographs and a GPS map are attached to document conditions of the site.



Conclusions and Recommendations:

The disturbance was successfully contoured and regraded to a stable configuration. It is suggested the Division grant partial bond release of \$12,600 dollars for the completed grade work and retain the balance for mobilization and revegetation of the area. The Division will continue to monitor the site until the full bond may be released.

Inspector's Signature

A handwritten signature in blue ink, appearing to read "David D. Buehler", written over a horizontal line.

BG: pbb; lah; vs

Enclosure: GPS map

cc: Neffco Mining Manufacturing & Engineering, Operator

lleppler@utah.gov , DOGM

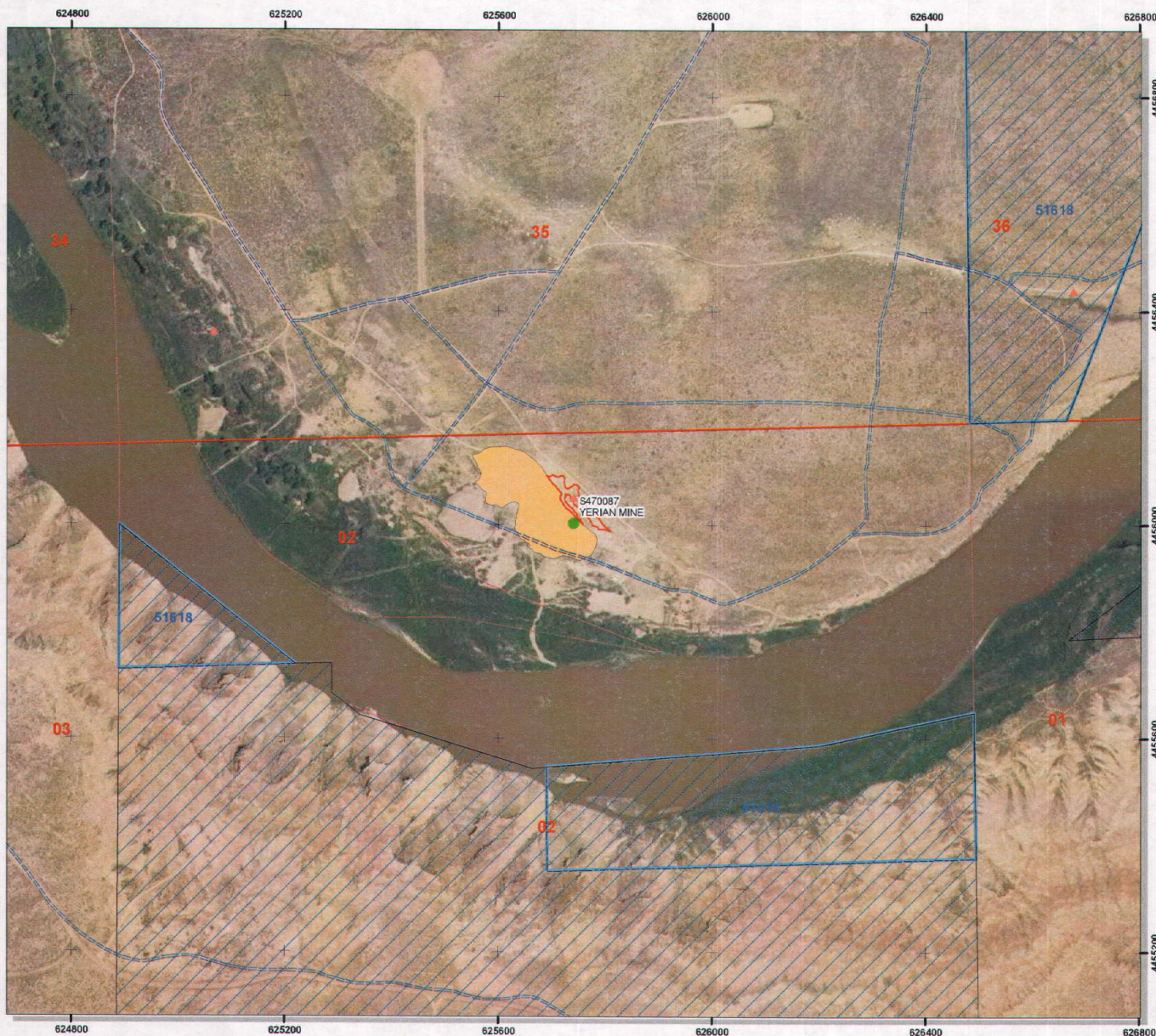
P:\GROUPS\MINERALS\WP\M047-Uintah\S0470087-Yerian\inspections\insp-09082010.doc



Northwest pan-view of the reworked surface disturbance. (Note: the disturbance has been reseeded by the operator.)



Southeast pan-view. (Vegetation – Russian thistle, Snakeweed, Tamarisk, Greasewood, Cheatgrass, Cottonwood, and Prickly Pear Cactus.)



Mine Number: S470087

Mine Name: YERIAN MINE

Township 07.0 S Range 21.0 E Section 02

Meridian: SLBM

9/13/2010

Map Produced by DKS

Acres Disturbed	0.65
Acres Regraded	6.13
Acres Seeded	0
Road Acres Disturbed	0

Total Acres Disturbed	6.78
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Acres Released	0
Acres Excluded	0
Acres PreExisting	0
Acres Prelaw	0

Legend

All items symbolized in legend may not be appear on map

- | | |
|-----------------|-------------------------|
| Interstate | Disturbed |
| US Route | Regraded |
| State Route | Seeded |
| Primary Route | Released |
| Secondary Route | Excluded |
| Main Dirt Road | PreExisting |
| Unimproved Road | Prelaw |
| Interchange | Proposed |
| Trail | SITLA Mineral Leases |
| Access | BLM Salable Minerals |
| Mine | BLM Mining Notices |
| NonMine | CommunityPt |
| Reclaimed | SITLA Mineral Ownership |
| Other | |

NAIP imagery date 2006



0 625

Feet
1:7,500 1 inch = 625 feet
Verify Scale

Dept. of Natural Resources
Division of Oil, Gas, and Mining
Mineral Mines Program

Different data sources and input scales
may cause misalignment of data layers.
This product may not meet DOGM
standards for accuracy and content.

NAD 1927 UTM Zone 12N